pd(N6) in a total volume of 15 μl. Two μl of the completed first cDNA strand reaction was then directly used per 12 μl PCR reaction by adding 10 μl PCR mix containing 10 pmol each of the mouse/human derived primers KIT1F and KIT7R (5'-TCR TAC ATA GAA AGA GAY GTG ACT C (SEQ. ID No. 3) and 5'-AGC CTT CCT TGA TCA TCT TGT AG (SEQ. ID No. 4), respectively; Moller *et al.* 1996, *supra*), 1.2 μl 10 x PCR-buffer (10 mM Tris-HCl, pH 8.3, 50 mM KCl) and 0.5 U of AmpliTaq polymerase (Perkin-Elmer) incubated with an equal amount Taqstart antibody (Clonetech) at 25°C for 5 min to achieve a hot start PCR. The reaction was covered with 20 μl mineral oil and thermocycled in a Hybaid Touchdown machine (Hybaid) with 40 cycles at 94°C for 1 min, 55-48°C (touchdown one degree per cycle the first seven cycles and then 48°C in the remaining cycles) for 1 min and 72°C for 1 min. After PCR 2 μl loading dye was added to each sample which were then loaded on 4% agarose gel (Nusieve/Seakem 3:1, FMC Bioproducts) and electrophoresed with 100V for 80 min. Products were visualised by ethidium bromide staining and UV-illumination.

C2

On page 19, paragraph starting on line 24 and ending on page 20, line 9:

i. PCR to produce DNA Sequencing Template

A 175 bp region including the boundary between exon17 and intron17 of the *KIT* gene was amplified for sequence analysis using forward primer KIT21 (5'-GTA TTC ACA GAG ACT TGG CGG C-3') (SEQ. ID No. 1); and reverse primer KIT35 (5'-AAA CCT GCA AGG AAA ATC CTT CAC GG-3') (SEQ. ID No. 2). PCR was carried out on a DNA thermal cycler (Perkin Elmer 9600) in a total volume of 20 μl containing 25 ng genomic DNA, 1.0 mM $MgCl_2$, 50 mM KCl, 10 mM Tris-HCl, pH 8.3, 200 μM dNTPs, 0.5 U AmpliTaq Gold (Perkin Elmer) and 10 pmol of both KIT21 and KIT35 primer. To activate AmpliTaq Gold, initial heat denaturation was carried out at 94°C, 45 sec at 55°C and 45 sec at 72°C. The final extension lasted for 7 min at 72°C. PCR products were cloned into vector pUC18 using the SureClone ligation kit (Pharmacia Biotech).

C3

On page 29, paragraph at lines 3-14:

The PCR primers used were as described below:

KITTM-Nest-F (5'-CTC CTT ACT CAT GGT CGA ATC ACA-3') (SEQ. ID No. 6)

and

KITTM-Nest-R (5'-CGG CTA AAA TGC ATG GTA TGG-3') (SEQ. ID No. 7).

The TaqMan® probes used were:

C4